

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 W. JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604-3590

Reply to the Attention Of: SR-6J

February 18, 2009

**Via E-mail and Certified Mail**

Richard Gay  
Weyerhaeuser Company  
810 Whittington Ave.  
Hot Springs, AR 71901

RE: Review of Remedial Design Addendum  
12<sup>th</sup> Street Landfill, Kalamazoo River Superfund Site Operable Unit #04  
Plainwell, Michigan

Dear Mr. Gay:

The United States Environmental Protection Agency (EPA) has received the January 2010 Draft Final Remedial Design (RD) for *12th Street Landfill, Kalamazoo River Superfund Site Operable Unit #04, Plainwell, Michigan*. After reviewing the RD, EPA conditionally approves the submittal provided that Weyerhaeuser revise the RD based upon the comments listed below.

**Specific Comments**

1. Section 3.3, last paragraph. The design conclusions presented in this section do not agree with the design presented in Section 6 (there are no provisions for upgrade to an active gas collection system). Please revise.
2. Section 4.2. This section should be modified to present and be consistent with the design outlined in Section 6.
3. Section 6.3.3 – Please remove all references to 3H:1V slopes.
4. Section 9. The dates and schedule presented in the text need to be updated to the current construction schedule.
5. Figure 3-2. This figure should be revised to reflect the grades shown in the design drawings.
6. Appendix A, Section 2.4, last paragraph. The design conclusions presented in this section are not consistent with the design presented in Section 6. Revision required.
7. Appendix A, Section 3, second to last bullet. This bullet point does not agree with the proposed design. Revision required.
8. Appendix A, Appendix E. The calculations in these sections reflect a final cover grading that is different than the one proposed; please add text to this section stating that difference and the impact, if any, on the conclusions presented in the calculations.
9. Appendix C – The Construction Quality Assurance Plan does not contain the construction recommendations contained in the text of section 6.0 and in the revised specifications. Is the intent to include these additional recommendations and testing requirements as an addendum or a reworked CQA plan under the provisions discussed in Section 3.1 in the CQA Plan?

10. Appendix F Specification 2311 – Waste Consolidation, Section 3.3. This specification does not include the construction recommendations regarding excavations greater than 10 feet in depth outlined in Appendix B.
11. Appendix F. – Specification 2315 – Excavation. A note that Excavation of Waste Materials is covered in Specification 2311 should be included here.

If you have any questions about this letter, please contact me at (312) 353-8983.

Sincerely,

A handwritten signature in black ink that reads "Michael Berkoff". The signature is written in a cursive style with a large, stylized "M" and "B".

Michael Berkoff  
Remedial Project Manager

cc: J. Saric EPA  
L. Kirby-Miles EPA  
S. Chummar EPA  
T. Prendiville EPA  
S. Borries EPA  
R. Frey EPA  
P. Bucholtz MDEQ  
G. Carli CRA  
M. Erickson Arcadis